

WHAT IS CLAIMED IS:

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1. An image-forming apparatus, comprising:
a fixing unit,
the fixing unit including:

10 a heating part including a heating
element;

a power storage unit configured to
supply power to the heating part so that the heating
element of the heating part generates heat, the power
storage unit including a chargeable and dischargeable
15 capacitor; and

a controller configured to control an
operation of the power storage unit,

wherein, when image-forming operation of the
image-forming apparatus is suspended by an
20 abnormality, the controller performs control such
that the capacitor is charged in accordance with a
remaining amount of stored energy thereof.

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2. The image-forming apparatus as claimed
in claim 1, wherein the controller performs the
control such that the capacitor is charged in
accordance with the remaining amount of stored energy
5 thereof when a state of the suspended image-forming
operation allows returning to the image-forming
operation.

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3. The image-forming apparatus as claimed
in claim 1, wherein the controller performs the
control such that the capacitor is charged until a
15 voltage of the capacitor is higher than or equal to a
predetermined voltage.

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4. An image-forming apparatus, comprising:
a fixing unit,
the fixing unit including:
a heating part including a heating
25 element;

a power storage unit configured to supply power to the heating part so that the heating element of the heating part generates heat, the power storage unit including a chargeable and dischargeable capacitor; and

a controller configured to control an operation of the power storage unit,

wherein, when image-forming operation of the image-forming apparatus is stopped, the controller performs control such that the capacitor is charged in accordance with a remaining amount of stored energy thereof.

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5. The image-forming apparatus as claimed in claim 4, wherein the controller performs the control such that the capacitor is charged in accordance with the remaining amount of stored energy thereof when a state of the stopped image-forming operation allows returning to the image-forming operation.

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6. The image-forming apparatus as claimed
in claim 4, wherein the controller performs the
control such that the capacitor is charged until a
voltage of the capacitor is higher than or equal to a
5 predetermined voltage.

10 7. An image-forming apparatus, comprising:
a fixing unit,
the fixing unit including:
a heating part including a heating
element;
15 a power storage unit configured to
supply power to the heating part so that the heating
element of the heating part generates heat, the power
storage unit including a chargeable and dischargeable
capacitor; and
20 control means for controlling an
operation of the power storage unit,
wherein, when image-forming operation of the
image-forming apparatus is suspended by an
abnormality, the control means performs control such
25 that the capacitor is charged in accordance with a

remaining amount of stored energy thereof.

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8. An image-forming apparatus, comprising:

a fixing unit,

the fixing unit including:

a heating part including a heating

10 element;

a power storage unit configured to

supply power to the heating part so that the heating

element of the heating part generates heat, the power

storage unit including a chargeable and dischargeable

15 capacitor; and

control means for controlling an

operation of the power storage unit,

wherein, when image-forming operation of the
image-forming apparatus is stopped, the control means

20 performs control such that the capacitor is charged

in accordance with a remaining amount of stored

energy thereof.